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More Mathematical Quickies & Trickies

Math Jokes to Relieve Stress

Q: What did the 0 say to the number 8?

A: 'Nice belt!'

Q: Why was six scared of seven?

A: Because seven eight nine.

Q: Why is nine drunk?

A: Because it is one over the eight.

Q: What kind of ant is good at math?

A: An accountant.

Subtraction

Teacher : If you had nine dollars and I took away four, what would you have?

Student : A fight.

Fraction/Division

Teacher : If your dad earned \$1000 a week and gave you half, what would you have?

Student : A heart attack.

Teacher: If 12 eggs cost \$1.20, how many would you get for 60¢?

Student: None.

Teacher : None?

Student : None. If I had 60¢, I will get some candies.

Q: There were ten zebras in the zoo until all but nine escaped. How many were left?

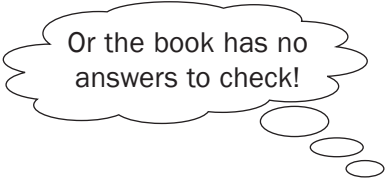
A: Nine.

Q: Why $2 \times 10 = 2 \times 11$?

A: Twice ten is twenty, and twice eleven is twenty too.

Q: Why was the math book sad?

A: Because it had so many problems.



Or the book has no answers to check!

Q: Why is long division such hard work?

A: Because of all the numbers you have to carry.



Q: Which is correct?

‘nine and five is thirteen’

or

‘nine and five are thirteen’

A: Neither. Nine and five are fourteen.

Q: Why did the math coach take a ruler to bed with him?

A: To see how long he would sleep.

Q: Did you hear about the algebra teacher who fainted in class?

A: Everyone tried to bring her two.

Q: What meals do math teachers like to eat?

A: Take aways.

Q: What do math tutors like for dessert?

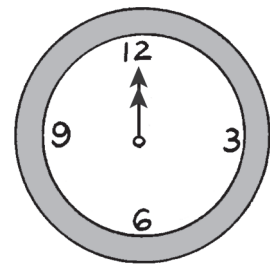
A: Pi.

1 Which is greater: 2^{40} or 3^{30} ?

2 A seller remembers that when he counted his eggs by twos, threes, fours and fives, he had remainders of 1, 2, 3 and 4 eggs, respectively. How many eggs did he have?

- 3 Suppose a man has two children in the year 2000. If each of the children has two children 25 years later, and each of those children has two children 25 years later, and so on. How many new descendants are born in the year 3000?

- 4 How many times does the minute hand pass the hour hand between 12 noon and 12 midnight?



- 5 Factor $x^3 - y^3 - z^3 - 3x^2z + 3xz^2$.

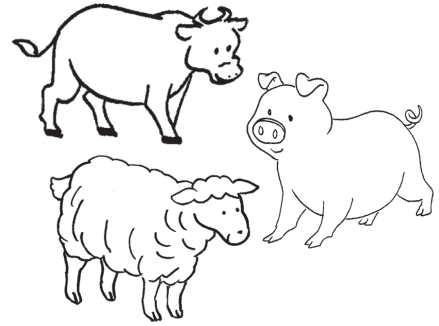
- 6 Ruth spent exactly \$2 on stamps. She bought some 4¢ stamps, ten times as many 2¢ stamps and made up the balance with 10¢ stamps. How many stamps of each value did she buy?



7 Show that $0.249999\dots = \frac{1}{4}$.

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- 8 (a) What is the last digit of 7^{1000} ?
(b) Find the units digit of 27^{27} .
(c) Find the sum of digits of $(10^{1998} - 1)$.

- 9 A cow costs \$1000, a pig \$300 and a sheep \$50. Farmer Yan buys 100 animals and at least one animal of each kind, spending a total of \$10,000. How many of each kind did he buy?



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- 10 At 12 noon, the hour hand, the minute hand, and the second hand, of a clock all coincide. Is there another time, before it is 12 o'clock again, when all three hands are exactly together?